



# Aviation Investigation Final Report

<b>Location:</b>	BATESVILLE, Arkansas	<b>Accident Number:</b>	FTW96LA018
<b>Date &amp; Time:</b>	October 18, 1995, 21:15 Local	<b>Registration:</b>	N7021M
<b>Aircraft:</b>	CESSNA 175	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None
<b>Flight Conducted Under:</b>	Part 91: General aviation - Personal		

## Analysis

The pilot reported that while performing a touch-and-go at night, the airplane touched down on the left main landing gear, ballooned, and veered off the right side of the runway. In an effort to regain control, he attempted to 'steer the airplane back to the left by applying power and using rudder.' Subsequently, the nose gear dug into the grass and collapsed, the right wing contacted the ground, and the airplane nosed over.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's failure to maintain control of the airplane during landing.

## Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: LANDING - FLARE/TOUCHDOWN

### Findings

1. TOUCH-AND-GO - PERFORMED - PILOT IN COMMAND
2. (C) AIRCRAFT CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: LANDING - ROLL

Findings

4. TERRAIN CONDITION - GRASS

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Occurrence #3: NOSE GEAR COLLAPSED

Phase of Operation: LANDING - ROLL

Findings

5. LANDING GEAR, NOSE GEAR - OVERLOAD

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Occurrence #4: NOSE OVER

Phase of Operation: LANDING - ROLL

## Factual Information

On October 18, 1995, approximately 2115 central daylight time, a Cessna 175, N7021M, was substantially damaged when it veered off the runway after landing at Batesville Regional Airport, Batesville, Arkansas. The private pilot was not injured. The airplane, owned by the pilot, was being operated under Title 14 CFR Part 91 when the accident occurred. Originating at Batesville, the personal flight was intended to be flown locally and accomplish touch and go landings. No flight plan was filed and bright night visual meteorological conditions prevailed.

The pilot reported that while performing his first touch and go landing, the airplane touched down on the left main landing gear, "ballooned", and veered off the right side of runway 07. He further reported that in an effort to regain control, he attempted to "steer the airplane back to the left by applying power and using rudder." Subsequently, the airplane's nose gear "dug into the grass" and collapsed, the right wing contacted the ground, and the airplane "nosed over." The airplane came to rest in the grass nose down on the right side of the runway.

Examination of the airplane by a FAA inspector revealed structural damage to the right wing spar aft of the fuel cell, and buckling to the fuselage near the right wing root.

### Pilot Information

<b>Certificate:</b>	Private	<b>Age:</b>	42, Male
<b>Airplane Rating(s):</b>	Single-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical-w/ waivers/lim	<b>Last FAA Medical Exam:</b>	November 14, 1995
<b>Occupational Pilot:</b>	UNK	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	132 hours (Total, all aircraft), 57 hours (Total, this make and model), 105 hours (Pilot In Command, all aircraft), 3 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	CESSNA	<b>Registration:</b>	N7021M
<b>Model/Series:</b>	175 175	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	55321
<b>Landing Gear Type:</b>	Tricycle	<b>Seats:</b>	4
<b>Date/Type of Last Inspection:</b>	March 31, 1995 Annual	<b>Certified Max Gross Wt.:</b>	2350 lbs
<b>Time Since Last Inspection:</b>	6 Hrs	<b>Engines:</b>	1 Reciprocating
<b>Airframe Total Time:</b>	2500 Hrs	<b>Engine Manufacturer:</b>	LYCOMING
<b>ELT:</b>	Installed, not activated	<b>Engine Model/Series:</b>	O-360-A1A
<b>Registered Owner:</b>	MICHAEL D. HARRISON	<b>Rated Power:</b>	180 Horsepower
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	None
<b>Operator Does Business As:</b>		<b>Operator Designator Code:</b>	

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Night/bright
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Clear	<b>Visibility</b>	10 miles
<b>Lowest Ceiling:</b>	None	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	0°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>		<b>Temperature/Dew Point:</b>	
<b>Precipitation and Obscuration:</b>	No Obscuration; No Precipitation		
<b>Departure Point:</b>	(BVX)	<b>Type of Flight Plan Filed:</b>	None
<b>Destination:</b>	(BVX)	<b>Type of Clearance:</b>	None
<b>Departure Time:</b>	00:00 Local	<b>Type of Airspace:</b>	Class E

## Airport Information

<b>Airport:</b>	BATESVILLE REGIONAL BVX	<b>Runway Surface Type:</b>	Asphalt
<b>Airport Elevation:</b>	464 ft msl	<b>Runway Surface Condition:</b>	Dry
<b>Runway Used:</b>	7	<b>IFR Approach:</b>	None
<b>Runway Length/Width:</b>	6002 ft / 150 ft	<b>VFR Approach/Landing:</b>	Touch and go

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>		<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	35.759582,-91.61911(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Lemishko, Alexander
<b>Additional Participating Persons:</b>	BERRY MCCOY; LITTLE ROCK , AR
<b>Original Publish Date:</b>	April 29, 1996
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.ntsb.gov/Docket?ProjectID=19690">https://data.ntsb.gov/Docket?ProjectID=19690</a>

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